Benchtop Dissolved Oxygen Meter LX100BDO

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Description

Benchtop dissolved oxygen meter LX100BDO is a microprocessor-based meter with automatic temperature compensation (ATC) that provides high-accuracy results under fluctuating temperatures. A polarographic oxygen electrode has a built-in temperature sensor that measures the dissolved amount of oxygen in water and an easily replaceable membrane cap. Provision for 2 points automated push-button calibration. Meter factory reset function to reset factory default settings and data logs for convenient operation.

Specifications

DO range	0.00 ~ 19.99 mg/L
DO resolution	0.01 mg/L
DO electrode	Polarographic oxygen (LX4000)
DO electrode temperature range	5 °C ~ 45 °C
DO accuracy	± 0.3 mg/L
Calibration point	2 points
Temperature range	0 ~ 99.9 °C
Temperature resolution	0.1 °C
Temperature accuracy	± 0.5 °C
Temperature compensation	0 ~ 50 °C auto
Ambient temperature	5 °C ~ 45 °C
Input connector type	BNC
Input connector diameter	3.5 mm
Power	100 V ~ 240 V DC 9 V 500 mA
Memory	500 sets

Features

- Auto ranging capabilities
- Auto sleep function

- Automatic temperature compensation
- Self-diagnostic trouble shoot
- Low battery indicator
- USB communication interface via data transfer

Applications

- Used for measuring Conductivity, TDS and salinity for pure water, in medical applications and chemical industries.

Standard Accessories

- Swim arm electrode stand

Electrode Specifications

DO electrode	Polarographic oxygen (LX4000)
DO electrode temperature range	5 °C ~ 45 °C
DO electrode measurement range	0 ~ 19.99 mg/L
DO electrode accuracy	± 1.5 % FS
Response time	90% of final value in 30 seconds
DO electrode dimensions	12 mm × 165 mm

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